

IN THE CLAIMS

Please amend the claims as follows:

1. (canceled)

2. (currently amended) The method of claim [[1]] 5, wherein said first and second time periods corresponds to one half the period of a frame rate such that said first and second frames of said image of said object appear as a stereoscopic image to said viewer.

3. (currently amended) The method of claim [[1]] 5 further comprising the step of:
selectively biasing said first and second sets of states of said N control signals to optimize said stereoscopic image perceived by said viewer.

4. (currently amended) The method of claim [[1]] 5 further comprising the step of:
selectively adjusting biases of said first and second set of states to compensate for variations in said display.

5. (currently amended) ~~The method of claim 1;~~ A method for producing a stereoscopic image from a display having N addressable pixels comprising the steps of:

generating N pixels of a first frame of an image directed to a view of an object a user experiences when said object is observed by said viewer's right eye;

generating N pixels of a second frame of said image directed to a view of said object a user experiences when said object is observed by said viewer's left eye;

receiving light from said N pixels in N optical elements for selectively directing light of said N pixels to said right eye in response to a first set of states of N corresponding control signals and to said left eye in response to a second set of states of said N control signals;

directing light from each of said N pixels of said first frame of said image to said right eye in a first time period by applying said first set of states of said N control signals to said N optical elements; and

14 directing light from said N pixels of said second frame of said image to said left
15 eye in a second time period by applying said second set of states of said N control signals
16 to said N optical elements,

17 wherein each of said N optical elements for selectively directing light of said N
18 pixels of said image ~~comprises:~~ includes a prism/lens element oriented over each of said
19 N pixels and coupled to a piezoelectric element for modifying an orientation of said
20 prism/lens element relative to each corresponding pixel of said display in response to one
21 of said N control signals.

1 6. (currently amended) ~~The method of claim 1;~~ A method for producing a stereoscopic
2 image from a display having N addressable pixels comprising the steps of:

3 generating N pixels of a first frame of an image directed to a view of an object a
4 user experiences when said object is observed by said viewer's right eye;

5 generating N pixels of a second frame of said image directed to a view of said
6 object a user experiences when said object is observed by said viewer's left eye;

7 receiving light from said N pixels in N optical elements for selectively directing
8 light of said N pixels to said right eye in response to a first set of states of N
9 corresponding control signals and to said left eye in response to a second set of states of
10 said N control signals;

11 directing light from each of said N pixels of said first frame of said image to said
12 right eye in a first time period by applying said first set of states of said N control signals
13 to said N optical elements; and

14 directing light from said N pixels of said second frame of said image to said left
15 eye in a second time period by applying said second set of states of said N control signals
16 to said N optical elements,

17 wherein said optical element for selectively directing light of said N pixels of said
18 image ~~comprises:~~ includes a prism/lens element oriented over each of said N pixels and

19 coupled to an electrostatic element for modifying an orientation of said prism/lens
20 element relative to a pixel of said display in response to one of said N control signals.

1 7. (previously presented) The method of claim 5, wherein said piezoelectric element
2 operates to bend a beam coupled to said prism/lens element.

1 8. (previously presented) The method of claim 6, wherein said electrostatic element
2 bends a beam coupled to said prism/lens element.

1 9. (previously presented) The method of claim 5, wherein said piezoelectric element
2 rotates said prism/lens element around a torsional support beam.

1 10. (previously presented) The method of claim 6, wherein said electrostatic element
2 rotates said prism/lens element around a torsional support beam.

Claims 11-54 (canceled)

1 55. (new) The method of claim 6, wherein said first and second time periods
2 corresponds to one half the period of a frame rate such that said first and second frames
3 of said image of said object appear as a stereoscopic image to said viewer.

1 56. (new) The method of claim 6 further comprising the step of:
2 selectively biasing said first and second sets of states of said N control signals to
3 optimize said stereoscopic image perceived by said viewer.

1 57. (new) The method of claim 6 further comprising the step of:
2 selectively adjusting biases of said first and second set of states to compensate for
3 variations in said display.